

Course	NSLS Facility-Specific Environment, Safety, and Health (ESH) Briefing for NSLS Staff					
Code	LS-ESH-LSSTAFF					
Number	LS-TRN-CRF-0014	Revision	4	Effective	01-23-2008	Page 1 of 2
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INSTRUCTIONS: This NSLS Facility-Specific ESH Briefing is required for NSLS employees and guests (non-users). Employees and guests from other departments should refer to the NSLS Training Policy for applicability. The ESH Coordinator provides the briefing. Send completed forms to NSLS Training Coordinator at 725D.

FACILITY INFORMATION

Phone Numbers

<u>Contact Name</u>	<u>Lab Phone</u>	<u>Pager</u>	<u>Cell Phone</u>
• Building Manager (Bob Kiss)	3476	5827	(631) 457-3078
• Emergencies	2222 or 911		(631) 344-2222
• NSLS Control Room	2550		

EMERGENCY INFORMATION

Emergency Phone Calls

- Call x2222 or 911 for fire, medical emergencies, serious injury, ambulance, leaks, spills
- Call 344-2222 from cell phones
- Then IMMEDIATELY notify the Control Room (NSLS = x2550, SDL = x5350)
- Report any injuries to your supervisor

Alarms & Sirens

Building Alarms

- Evacuate Building
- Go to Outdoor Assembly Area
 - For Bldg 725: NSLS Front Lawn
 - For Bldgs 726, 727, 728, 729, trailers: Parking lot adjacent to Brookhaven Ave
 - For Bldg 535: Parking lot in front of building

Site-Wide Emergency Siren – Steady Sound

- Go to Indoor Assembly Areas
 - For Bldgs 725, 726, 727, 728, 729, 535 basement, and trailers: NSLS Bldg 725 Main Lobby or Seminar Room

Site-Wide Evacuation Siren – Pitch Rises and Falls

- Evacuate BNL site
- Apartment/dorm dwellers without transportation go to Berkner Hall

Shelter-In-Place

- If a Shelter-In-Place Emergencies is declared,
 - For Bldg 725 (NSLS) and 729 (SDL): Go to area around VUV Ring in Bldg 725

Locations

- Note locations of fire alarm pull boxes, fire extinguishers, nearest exits, phones, and eyewash/shower stations

COMPLIANCE WITH PROCEDURES AND REGULATIONS

TLDs

- If you are permanently assigned to the NSLS (Building 725 and/or 729), wear your TLD at all times in Controlled Areas (front of body, color bar facing out)
- Non-permanent personnel are not required to wear a TLD in the 725 Controlled Area

Postings

- Read & obey all signs
- Do not disturb or move signs or postings without proper authority

Radiation Areas

- Do not pass through posted Radiation Areas unless posting states undelayed transit is allowed
- Do not work in a posted Radiation Area UNLESS you meet the qualifications and are signed in on the appropriate Radiological Work Permit
- Nothing is to be removed from posted Activation Areas without a radiological survey

Shielding

- Do not climb over any shielding walls or radiation barriers
- Do not move any lead or concrete shielding or work on any beamline hutches UNLESS this has been defined in a Work Permit and a "Safety System Permit" has been posted at the location

VUV Ring Injections

- Building 725: Do not linger near the front ends of VUV Beamlines or on the transport line during injections or fills; announcements will be made and a siren sound will occur during these times – typically around 3:30 am, 8:00 am, 12:30 pm, 5:30 pm, and 10:30 pm
- If you are working above the VUV Floor (e.g. on a man lifter or a high step ladder) or on the roof above the VUV Ring, notify the NSLS Control Room Operator prior to this work and maintain contact regarding Ring fills or the end of the job

Visitors & Escorts

- Visitors and their escorts need to print and sign their names on the Visitor/Escort forms at the entrance to a Controlled Area
- Visitor MUST be escorted by fully-trained personnel

Permits/Work Planning

- Do not interfere with equipment or experimental areas unless work is defined in a Work Permit
- Potentially hazardous operations require permits before work can be performed
- All work must be planned – think about possible hazards prior to performing any work

Unsafe Conditions

- Report any unsafe conditions or activities to your supervisor and/or the NSLS Building Manager
- Do not prop open any fire doors or access doors to the building

Oxygen Deficiency Alarms

Alarm Locations

- Liquid Nitrogen fill station located at the West Roll Up Door (Rm. 1-151A)
- LEGS Cryolab (Rm. 1-169) – ODH Class 0 area – additional training required for entry
- Mechanical Equipment Rm (MER) A – ODH Class 0 area – additional training required for entry

ODH Alarm Instructions – Should one of these alarms be activated:

- Leave the area immediately – Do not stop to troubleshoot any problem
- If needed, call BNL Emergency Services at x2222
- Call the NSLS Control Room at x2550

Other Hazards

Electrical

- Equipment at the NSLS often uses high voltage and currents

Chemicals/Gases

- Experiments use a wide variety of chemicals and gases

Lasers

- Various classifications of lasers are used in experiments at the NSLS

Magnetic Fields

- Magnets are used in many types of equipment at NSLS
- Anyone with medical devices or implants must notify NSLS ESH Staff for guidance

Documents reviewed or issued:

_____ Memo from ESH Coordinator	_____ BNL Environmental Stewardship Policy
_____ NSLS Organization Chart	_____ ESH Highlight: Medical Emergencies
_____ NSLS Operations Directory	_____ ESH Highlight: Recycling
_____ Experimental Floor Map (NSLS / SDL)	_____ ESH Highlight: Bldg & Emerg Response
_____ Briefing: Visitors Under Escort	_____ Other: _____
_____ DOE 10 CFR 851 Posting "It's the Law"	_____ Other: _____

I have read and understand this information.

Print Name (Trainee)

Sign Name (Trainee)

Life Number

Date

Print Name (Instructor)

Sign Name (Instructor)